

LAB CON CO

fiberglass

HOODS &

laboratory

CARTS



Return to Designs

Labconco is the trade name for apparatus and equipment produced by the Laboratory Construction Company and sold by laboratory supply dealers throughout the world.

Almost 40 years of manufacturing experience and product research assure you of the quality and features which modern science expects in the tools of its work.

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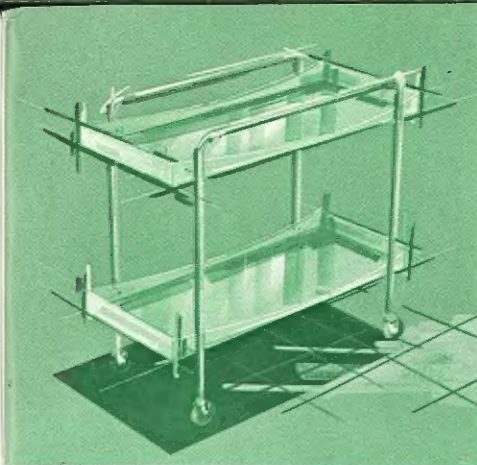
OTHER LABCONCO PRODUCTS

Labconco also makes the industry's most complete line of Kjeldahl and Micro Kjeldahl apparatus, Crude Fiber Extractors, Solvent Extractors, and related items. A new 64-page catalog covering all of Labconco's products is available. Write today for your free copy.

LAB CON CO

LABORATORY CONSTRUCTION COMPANY

8811 S. Prospect Avenue, Kansas City 32, Missouri, Area Code 816, EMerson 3-1355



Labconco CARTS

Labconco carts will help solve your problem of over crowded work space, inflexible work areas, and inter-laboratory transfer of instruments, glassware and equipment.

This is the most complete line of carts in the industry. All Labconco carts are designed for laboratory use . . . not to be confused with restaurant or shop carts.



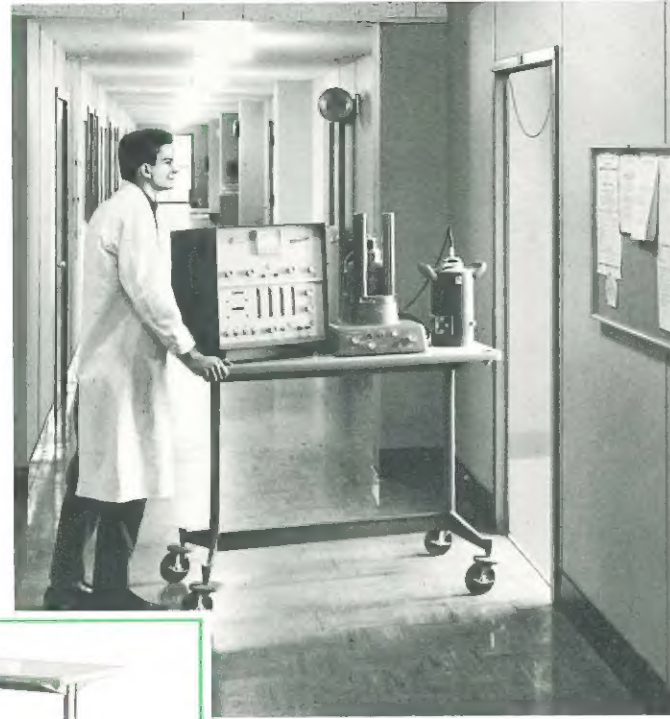
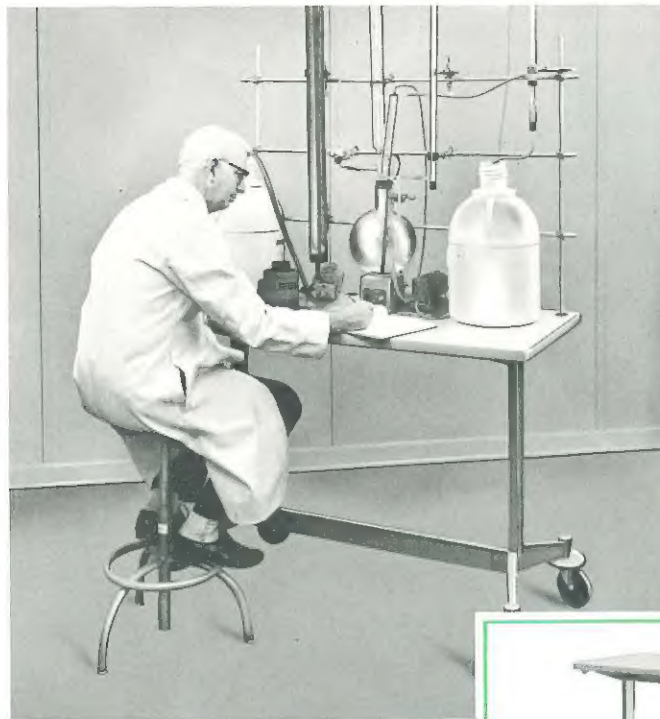
17 MODELS—a cart for every purpose

RUGGED CONSTRUCTION—heavy gauge steel with all welded joints

CORROSION RESISTANT—long life in any laboratory

PROMPT DELIVERY—most models available from the stock of your local laboratory supply dealer

CARTS



MOBILE BENCH

This brand new Labconco cart was specifically designed for three applications:

1. *The lab short of bench space.* Here is a full 8 square feet of standing or seated working space. A cart, yet sturdy and firm as any bench.
2. *For the occasional determination.* Keep the equipment set up on this bench; when not needed, store it elsewhere. Has flexible support rods for glassware set-ups.
3. *As a transport cart for heavy items.* This mobile bench is large and strong so that heavy, expensive and delicate instruments can be moved safely.

The Labconco Mobile Bench is made of cast aluminum, mostly of "I" beam configuration. It is light in weight, yet has more than adequate strength for the toughest hauling job. There are no bolts or screws to work loose.

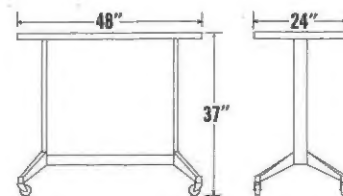
The top is 1" wood core covered with resistant laminated plastic and supported by aluminum flanges. It is a non-conductive top which resists stain, fire, and scratching. The cart will move about without damage to benches and desks, because it has a large rubber

bumper over each caster and a protective guard rim around the top.

The attractive styling of this cart is accentuated by modern laboratory colors.

This cart is equipped with two flush mounted bases into which can be screwed 1/2" anodized aluminum support rods. The two upright rods are furnished and can be the basic support for any standard frame assembly.

The Labconco mobile bench has a capacity of 500 lbs. It is equipped with 5" ball bearing casters with soft rubber tires for shock absorption. Each caster has a toe-operated lock for semi-permanent location. Dimensions:



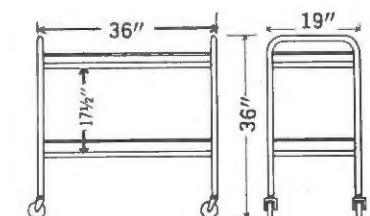
CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
1840	Mobile bench, as shown	150 lbs.	\$155.00

CARTS



CHEMICAL CART

Ideal for picking up and distributing samples, packages, glassware, equipment and instruments. Rolls freely in any direction on 3" hard rubber, ball bearing casters. Spacious shelves are of compressed and treated asbestos. They withstand acids, caustic, staining and are heat resistant. This dense, well braced material also withstands considerable weight and shock without cracking. The chrome plated, all welded frame is 1" steel tubing. There are no screws, rivets, or bolts to work loose.



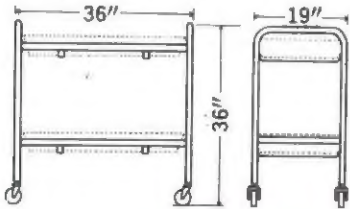
CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
1810	Chemical Cart, as shown	54 lbs.	\$59.50

CARTS

GLASSWARE CART

This cart cuts hours from the task of washing and drying glassware. It's perfect for collecting and distributing sizeable loads of all types of glassware and small equipment. Available with or without removable and rubber mounted drip pan. The removable wire baskets (32" x 18" x 4") are light but rigid. A green poly vinyl dip makes them resistant to corrosion, easy on glassware. The welded one piece frame is one-inch chrome plated steel tube. Extra baskets are helpful in glassware collecting. Spot them conveniently and use one cart for several laboratories. Chrome plated baskets, for auto claving, are available at no extra cost (must be specified—poly vinyl is standard).

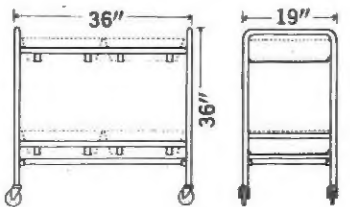
CATALOG NUMBER	DESCRIPTION	SHIP WT.	PRICE (f.o.b. K.C.)
1820	Glassware Cart	43 lbs.	\$61.50
1820A	Glassware Cart, with removable plated, rubber mounted drip pan, as shown	49 lbs.	72.00
1820C	Glassware Cart, with three decks, three baskets, and removable drip pan	72 lbs.	106.50
1822	Extra basket, 32" x 18" x 4" (Poly vinyl covered unless chrome specified)	5 lbs.	\$9.00



GLASSWARE CART

Similar to Model 1820 above, but this cart has four small baskets, instead of two large ones. Baskets measure 16" x 18" x 4". A green poly vinyl dip makes them resistant to corrosion, easy on your glassware. They are convenient to handle; fit most drying cabinets and shelves. Many users order extra baskets. The welded frame is identical to that of No. 1820, except for the extra basket support bars. Extra baskets are helpful in glassware collecting. Spot them conveniently and use one cart for several laboratories. Chrome plated baskets, for auto claving, are available at no extra cost (must be specified—poly vinyl is standard).

CATALOG NUMBER	DESCRIPTION	SHIP WT.	PRICE (f.o.b. K.C.)
1820E	Glassware Cart, with drip pan, as shown	52 lbs.	\$88.00
1820D	Glassware Cart, without drip pan	46 lbs.	75.00
1821	Extra Baskets, 16" x 18" x 4" (Poly Vinyl covered unless chrome is specified)	2 lbs.	7.00



March, 1963

CARTS

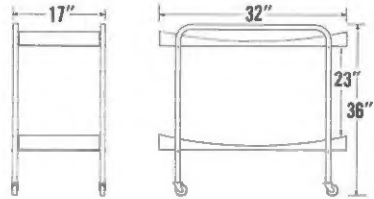
FIBERGLASS LAB CART

Here is an inexpensive cart designed to carry comparatively small, lightweight items and to operate in narrow aisles or restricted space. This cart is *completely* corrosion proof. Both trays are molded of heavy, rigid fiberglass which resists stain, heat and corrosion. The sides are reinforced by embedded wire. The frame is 1" steel tube covered with poly vinyl chloride. This resistant material cannot be chipped or scratched and provides a soft surface to protect the paint on benches, desks, and doorways.

This cart is shipped partially disassembled and can be put together with a screwdriver in a few minutes. It is unusually rigid because of the special interlocking design of the trays and tubing.

The trays are buff in color; the frame is dark green. Dimensions: 30" x 17" x 36". Ball bearing rubber tired casters are 3" in diameter.

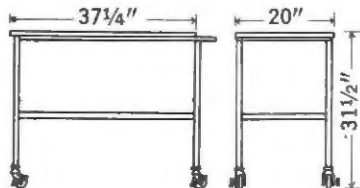
CATALOG NUMBER	DESCRIPTION	SHIP WT.	PRICE (f.o.b. K.C.)
1845	Fiberglass Lab Cart, as shown	25 lbs.	\$42.50



PORTABLE INSTRUMENT DESK

This cart serves as a desk, instrument table, extra bench, or a cart for transportation of medium to heavy-weight equipment. Three-inch, toe-locking casters make it stationary when needed. Sturdy welded construction makes it ideal for carrying bulky instruments and apparatus. It will not vibrate or sway. The center bar permits comfortable seating from either side. Built to standard desk height. Top is 1/2" compressed, polished asbestos.

CATALOG NUMBER	DESCRIPTION	SHIP WT.	PRICE (f.o.b. K.C.)
1830	Portable Instrument Desk, as shown	53 lbs.	\$59.50



March, 1963

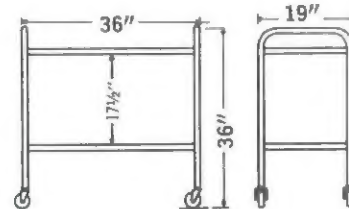


CARTS

PORTABLE TABLE

Here is a cart that can double as additional work space. Also excellent for moving heavy instruments. There are no guard rails to prevent easy transfer from bench top to cart. Frame is of rugged one-inch steel tubing with welded construction and heavy chrome plating. Three types of shelf material are available — asbestos, plated steel, or stainless steel.

CATALOG NUMBER	DESCRIPTION	SHIP WT.	PRICE (f.o.b. K.C.)
1815	Portable Table, as shown. Shelves of polished, compressed asbestos	48 lbs.	\$49.50
1815A	Portable Table. Shelves of plated 18 gauge steel	46 lbs.	55.00
1815B	Portable Table. Shelves of 20 gauge stainless steel	45 lbs.	79.50

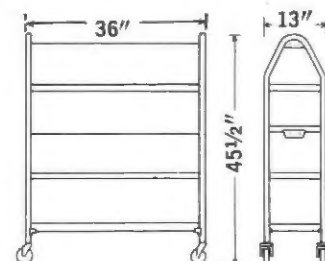


FLASK CARRIER CART

A favorite with Kjeldahl users. This cart carries 24 Kjeldahl flasks, 500 or 800 milliliter size. Flasks may be carried upright or neck down for drying. Polished, compressed asbestos shelves have beveled holes to support flasks. Leaning flasks are firmly cradled by a special rubber covered steel rod. Fast trips over rough floors won't jar flasks out.

The frame is one-inch, 18 gauge steel tube. It is welded and plated. Most laboratories specify the removable rubber mounted drip pan.

CATALOG NUMBER	DESCRIPTION	SHIP WT.	PRICE (f.o.b. K.C.)
1805A	Flask Carrier, as shown, with drip pan	49 lbs.	\$90.50
1805	Flask carrier, without drip pan	42 lbs.	79.50



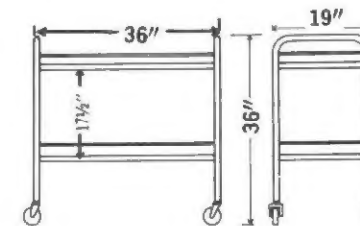
CARTS

PAN TYPE CART

This cart is equipped with two rigid, watertight pans, qualifying it for many uses in the lab. Pans are eighteen gauge plated steel or stainless steel and are welded to one-piece frame. Their two-inch sides have smooth folded edges.

Extra crossbars on frame at centers of pans prevent buckling and vibration noises. Pans on both models are lined with removable rubber mats. The plated frame is welded of one-inch, 18-gauge steel tube.

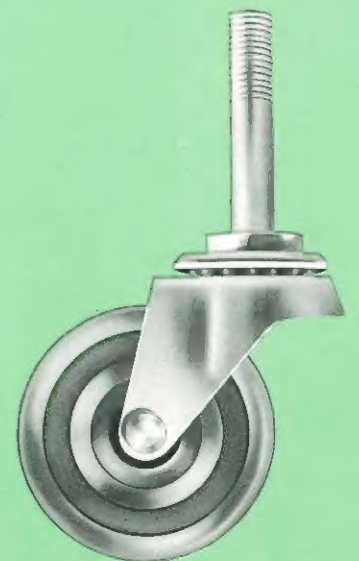
CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
1825	Pan Type Cart, as shown	58 lbs.	\$69.50
1825A	Pan Type Cart, with 18-gauge satin finish stainless steel pans	58 lbs.	\$118.00



REPLACEMENT CASTERS

Extra ball bearing casters, with 3" hard rubber tires, are available. They fit all Labconco carts except Models 1840, 1850, 202 & 101. Minimum order of \$5.00.

CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b. K.C.)
1836	Replacement Casters, Set of 4	\$8.30





#101



#202



10

#1850

CARTS

CARBOY CADDY

Here's an easier, safer way to handle bulky bottles of acid, distilled water and other solutions used in the laboratory. Available in two models — one for transporting bottles alone, the other for moving bottles left inside a carboy. Carrying base rests only 1" from floor, eliminating the need for heavy lifting. The Carboy Caddy features 2" hard rubber ball bearing casters that make it exceptionally easy to move. Base is one-piece aluminum casting, heat-treated and ribbed underneath for extra strength.

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
101	Carboy Caddy for carrying bottles. Two depressed rings, one inside the other, provide a firm seat for bottles. Rings accommodate 5 and 13 gallon bottles, but other sizes can be carried as well.	19 lbs.	\$35.00
202	Carboy Caddy for carrying bottles inside a carboy. Base is 20" x 20" for easy accommodation of 13-gallon carboy	21 lbs.	35.00

LOW-BOY

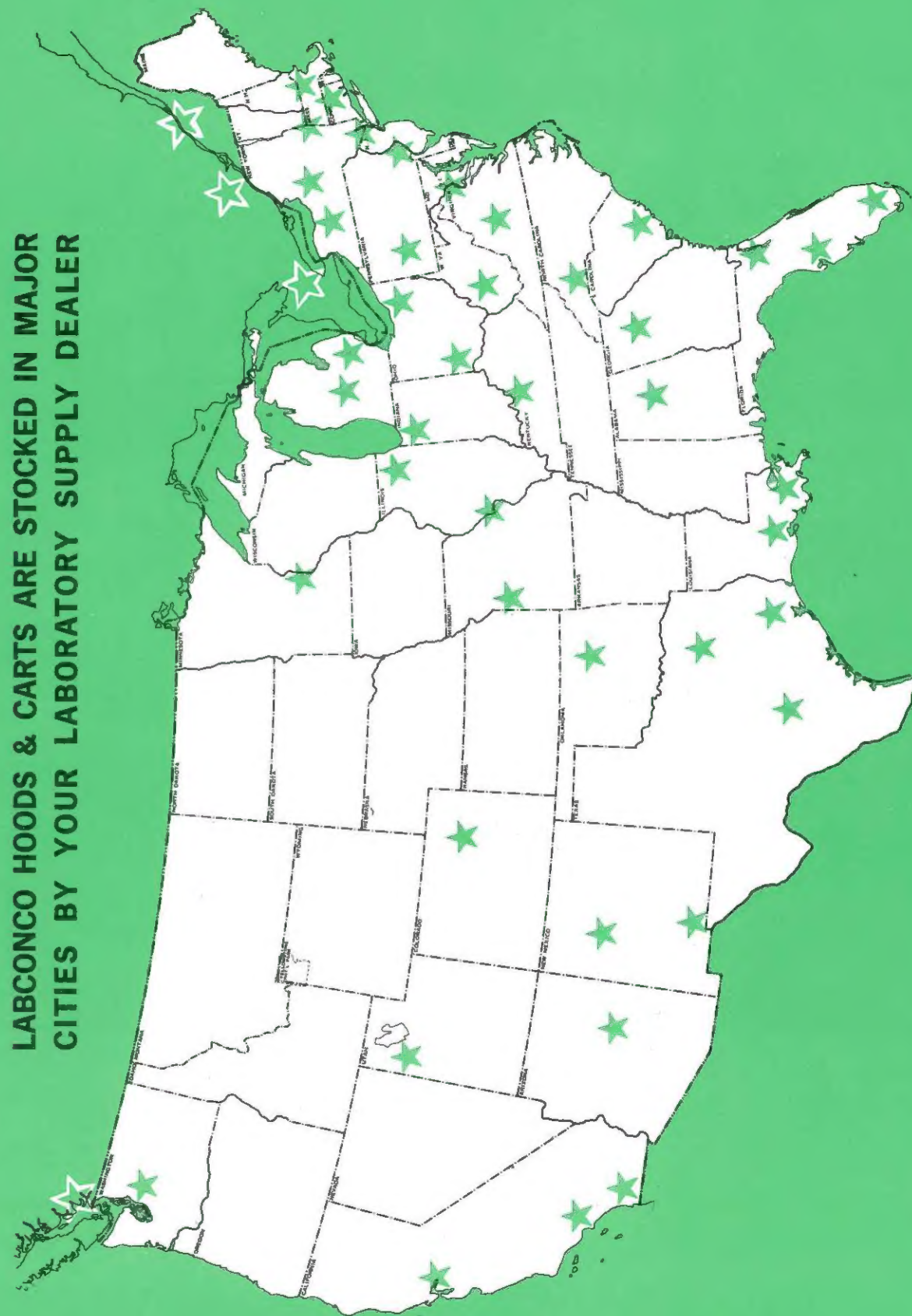
This cart is designed for transporting heavy items, such as vacuum pumps, which are not used at bench height. Equipment can be permanently mounted to the Low-Boy, giving them permanent mobility. Unlike the Carboy Caddy above, the Low-Boy is pulled rather than pushed. Even the "lab girl" can move heavy equipment around with the Low-Boy. Platform made of 1 1/4" Colorlith. Three and one-half inch, ball bearing casters, with hard rubber tires, gives Low-Boy exceptional mobility.

Removable handle made of 18-gauge, plated steel tubing. Platform dimensions: 24" x 18".

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
1850	Low-Boy Cart, as shown	50 lbs.	\$38.50

March, 1963

LABCONCO HOODS & CARTS ARE STOCKED IN MAJOR
CITIES BY YOUR LABORATORY SUPPLY DEALER



March, 1963

HERE ARE JUST A FEW OF THE MANY
SATISFIED USERS OF LABCONCO
FIBERGLASS FUME HOODS:

GOVERNMENT

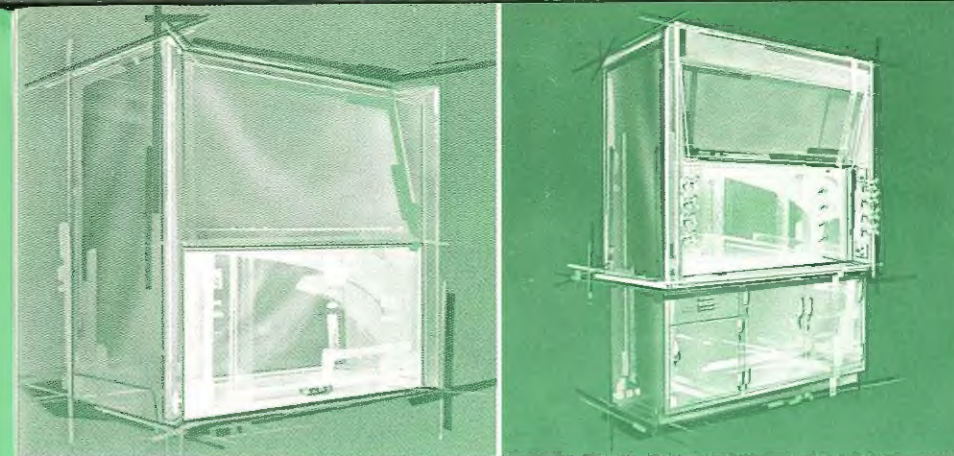
United States Navy
U. S. Department of Agriculture
Canada Department of Agriculture
U. S. Department of the Interior
Atomic Energy Commission of Canada
U. S. Public Health
Commonwealth of Virginia

INSTITUTIONS

Yale University
Kansas State College of Pittsburg
University of New Mexico
University of California
Harvard University
Massachusetts Institute of Technology
Smithsonian Institution
Carnegie Institution
Johns Hopkins University
University of Miami
Tulane University
University of Southern California
Colorado State University
University of Nebraska
Creighton University
University of Texas
Notre Dame

PRIVATE INDUSTRY

W. R. Grace Company
Mead Johnson & Company
Bethlehem Steel Corporation
General Electric Company
E. I. DuPont de Nemours & Co.
Lawrence Radiation Laboratories
Maxwell House
Rohm & Haas
Varian Associates
Ethyl Corporation
Dow Chemical Company
International Nickel Company
Spague Electric Company
Spencer Chemical Company
Stewart-Warner Corporation
Franklin Systems, Inc.
Grain Processing Corporation
Eastman Kodak Corporation
Monsanto Chemical Company
Magnetics, Inc.
Millipore Filter Corporation
R. Lavin & Sons
Hartman-Leddon Company
Armour Pharmaceutical Company
Pan American World Airways, Inc.
Falstaff Brewing Corporation
National Standards Company
United Nuclear Corporation



Labconco FIBERGLASS FUME HOODS

Custom built fiberglass hoods and glove-boxes have been successfully used in a number of prominent laboratories for several years. Early in 1961, Labconco became the first manufacturer to produce a standard, quantity-produced fiberglass fume hood. This hood was the Fiberglass-47 hood, which, today is being used in every conceivable type of laboratory. Many customers (including leading universities and industrial firms) have reordered frequently and now have 10 or more in use.

With the publication of this catalog, Labconco announces two additional hoods—the Fiberglass-70 and the Fiberglass Advance-70. Now, for the first time, you can obtain the advantages of fiberglass in a selection of hoods for various requirements.

CHEMICALLY RESISTANT

LIGHTWEIGHT, EASY TO INSTALL

RUGGED CONSTRUCTION

MODERN, STREAMLINE DESIGN

MAINTENANCE FREE

HERE'S WHY LABCONCO FUME HOODS ARE MADE OF FIBERGLASS

Labconco fiberglass hoods are polyester reinforced with glass fibers. The polyester is both fire retardant and chemical resistant. The combination of the plastic resin and glass fibers gives Labconco hoods unusual strength and durability.

Labconco hoods are mass produced and consequently, are uniform in quality and modest in price.

Fiberglass is a tough, very light material which minimizes shipping charges and installation costs. What's more, fiberglass is an extremely "workable"

CHEMICAL RESISTANCE

TEST: Immerse 1" x 4" specimen in 100% vapor of the concentrated, boiling reagent 30 minutes.

Reagent Vapors	Satisfactory For Unlimited Service	Satisfactory For Occasional Limited Service	Discoloration	Unsatisfactory
Sulfuric Acid	X		X	
Hydrochloric Acid	X			
Nitric Acid	X		X	
Chloroform	X			
Acetone	X			
Benzene	X			
Petroleum Ether	X			
Ammonia	X			
Acetic Acid	X			
Perchloric Acid				X
Hydrofluoric Acid		X	X	
Hydrogen Peroxide	X		X	

material. You can cut it, drill it or saw it (using only common hand tools) to modify the hood to meet unusual requirements.

The superstructure of all Labconco hoods is made *entirely* of fiberglass. There is no paint to peel or crack, no transite to sag, no metal to corrode. Fiberglass will withstand direct heat in excess of 230°C. It is not suitable for use with perchloric acid.

At your request we will send you a sample of the fiberglass used in the construction of Labconco hoods.

FLAMMABILITY TEST: The fiberglass used in the construction of Labconco hoods will not support combustion and is tested for this quality under the provision of tentative method of test for flammability of rigid plastic over 0.050 inch thickness. ASTM designation is D635-56T, issued 1956.

SASH: The sashes on all Labconco hoods are of 1/4" Plexiglass that is shatter proof and has 17 times greater impact resistance than 1/4" glass. This Plexiglass is coated on the inside with a clear, resistant coating that prevents clouding and reduces static attraction. These sashes are lightweight and operate smoothly on the same counter-weight system found in all fine hoods. Plastic covered steel sash cable, nylon sheaves, and steel weights coated with plastisol make up the counter-weight assembly.



THE LABCONCO
FIBERGLASS-47 FUME HOOD

This is the world's first production-line fiberglass fume hood. Since its introduction in early 1961, this hood has gained widespread acceptance. Today, these hoods are in service in the largest industrial and institutional laboratories as well as hundreds of small "one man labs".

COSTS ONLY \$495.00 COMPLETE—ready to plug in and use

WEIGHS ONLY 175 LBS.—easy to install, to move, to ship

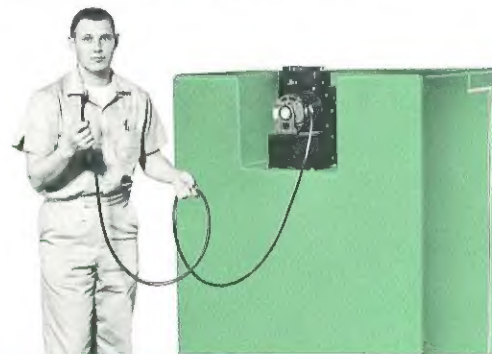
PROMPT DELIVERY—stocked by Labconco dealers in major cities

MAINTENANCE FREE—no paint to chip, no metal to corrode

FIBERGLASS-47 FUME HOOD / features



WEIGHS ONLY 175 LBS.
easily carried and installed by two men.



COMPLETE WITH MOTOR AND BLOWER
ready to plug in and use.



HANDSOME, STREAMLINE DESIGN
an attractive addition to any laboratory.

Why buy a heavy, unattractively square fume hood that is hard to move, install and keep up? Why, when new fiberglass has been proven equally durable and resistant—and costs less than most current models?

The Labconco Fiberglass-47 Fume Hood is made entirely of polyester resin, reinforced with glass fibers. It is lightweight, extremely rugged, and withstands the most severe chemical attack.

The Fiberglass-47 Fume Hood is not painted—the color is an integral part of the surface resin. There is no paint to peel or fade. Colors available are white, gray, or green.

The superstructure measures 47" x 29" x 60" high. The hood comes complete with blower, sash, interior light and switches. It weighs only 175 lbs. A single 7-foot cord and plug connect all electrical equipment. No electrician is necessary for installation.

This hood is designed for mounting on any conventional 47" base cabinet or table—wood or steel. A turned-in cove allows quick, easy fastening to the bench or table top. A conventional baffle controls air flow over working surface and in upper hood. All wiring to vapor-tight light and to blower is molded into the hood body and to the panel switches.

The sash is of 1/4" Plexiglass with a special clear, resistant coating which prevents clouding, reduces static attraction, and adds to the resistance of the material itself. This sash is lightweight and operates smoothly on the same counter-weight system found in all fine hoods. Plastic-covered steel sash cable, nylon sheaves and lead weights coated with plastisol make up the counter-weight assembly.

The blower is mounted in a box-like recess in the rear wall of the hood. This results in a completely hidden, quiet blower that is powered by a 1/4 hp, 115-volt motor and which delivers 515 cfm at 1/4" sp. The rotor and complete housing are coated with an epoxy for chemical resistance. Blower outlet is rectangular, measuring 7 3/8" x 4 1/4". An adapter for converting the rectangular opening to a round opening which will accept a stack of 7" O.D. is available.

This hood is *not* designed for use with perchloric acid.

EXPLOSION PROOF MODELS

This hood is available in two explosion proof models—standard explosion proof and total explosion proof.

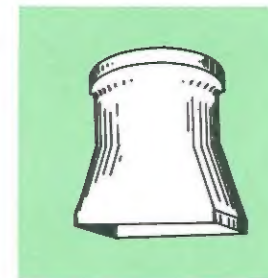
The standard explosion proof model is furnished with an explosion proof motor (UL approved, Class I & II, Groups D, F, and G), a non-sparking aluminum impeller, standard vapor proof light and the standard wiring and switches.

The total explosion proof model has the same non-sparking aluminum impeller and explosion proof motor as above. It also has an explosion proof light (UL approved, Class I, Groups C & D). This model does not have switches for the blower or light. These, along with the necessary wiring, must be furnished and installed by the customer to comply with local codes.

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
47 W/MB	Fiberglass-47 Fume Hood, complete with motor, blower, switches, sash, light, cord and plug. Specify hood color: green, grey, or white.	195 lbs.	\$495.00
47 W/O MB	Fiberglass-47 Fume Hood, without motor and blower. This model equipped with a connecting elbow. See drawing on page 19. Specify hood color: green, grey, or white.	180 lbs.	460.00
47 W/EPMB	Fiberglass-47 Fume Hood, with explosion proof motor and blower. Specify hood color: green, grey, or white.	185 lbs.	560.00
47 W/EPMBL	Fiberglass-47 Fume Hood, total explosion proof model, with explosion proof motor, blower and light (switches and wiring not included—see above). Specify hood color: green, grey, or white.	200 lbs.	588.00

FIBERGLASS-47 FUME HOOD / accessories

VENT ADAPTER



Vent Adapter. Converts the rectangular blower outlet (7 3/8" x 4 1/4") to a round opening which will accept a stack of 7" O.D.

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
P-17	Vent Adapter	3 lbs.	\$9.75

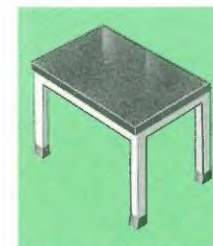
CABINET



Supporting Base Cabinet. This cabinet is designed to support the Fiberglass-47 Fume Hood. Meets steel laboratory furniture specifications and is finished in grey or green to match the hood colors. The working surface is 47" x 30" x 1 1/4" charcoal grey Colorlith.

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
B-174-T	Supporting Base Cabinet	250 lbs.	\$195.00

TABLE



Supporting Base Table. Designed to support the Fiberglass-47 Fume Hood. Frame is of 2" all welded, square steel tubing with adjustable floor flanges. Colors are grey or green to match the hood colors. The working surface is 47" x 30" x 1 1/4" charcoal grey Colorlith.

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
444-T	Supporting Base Table	150 lbs.	\$135.00

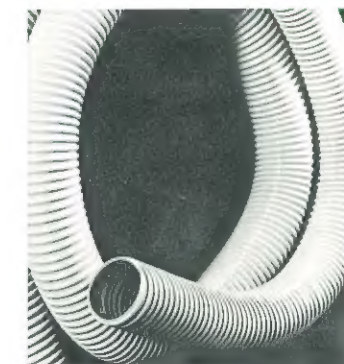
PLASTIC PIPE



Lightweight, resistant plastic pipe is excellent to exhaust the Fiberglass-47 Fume Hood. Each pipe section has a bell fitting on one end for easy connection to another length of pipe or to elbows. Connections are simply made by solvent welding. This rigid thermoplastic extruded pipe is cut without special tools. Its ease of installation more than makes up for the slightly higher initial material cost. For use with the P-17 Vent Adapter.

CATALOG NUMBER	DESCRIPTION	SHIP. WT. (Lbs.)	PRICE (f.o.b.K.C.)
850	6" Plastic Pipe, 10-ft. multiples	3 1/2 per ft.	\$ 5.00 per ft.
851	6" 90-degree elbow	10	27.75
852	6" 45-degree elbow	10	27.75

SPIRAL TUBE



For semi-permanent hood installations, this spiral pipe serves very well. It is a highly resistant neoprene impregnated fiberglass reinforced with wire tubing. The pipe can be bent to a 90° radius. This type of stack simplifies hood installations. The pipe is especially fabricated for use with the P-17 Vent Adapter.

CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b.K.C.) Per ft.
858	7" Spiral Tube, 10 ft. multiples	\$3.80

FIBERGLASS WEATHER CAP












Many caps or hoods placed over the top of an outside stack or flue will cause an undesirable back pressure. To avoid this, we have designed a new fiberglass weather cap which eliminates back pressure and is completely resistant to corrosion and weather. Fits 6" plastic pipe (Above).

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
860	Fiberglass Weather Cap	5 lbs.	\$20.00

FIBERGLASS-47 FUME HOOD / accessories

SERVICE FIXTURES

	TK-1 (Specify service) Air Gas Vacuum—Single outlet key cock & turret \$ 8.00		L-2886 Cold Water—Remote con- trolled rigid gooseneck faucet \$19.31
	SF-1 Cold Water—Single faucet with rigid gooseneck \$12.77		L-2887—(Specify service) Air Gas Vacuum—Remote con- trolled single outlet \$15.29
	VSO-6 Drain—Lead 6 x 3 oval cup sink \$17.88		E-2302 Electrical — (Mounted on front of supporting base) 125 volt 15 AMP duplex \$3.76
	VHS-5 Drain—5" diameter hemis- pherical lead cup sink \$15.12		J-645P Electrical—125 volt 15 AMP duplex \$11.12
	VPT-32 Drain—1½" lead drum "P" trap with coupling nut \$10.92		

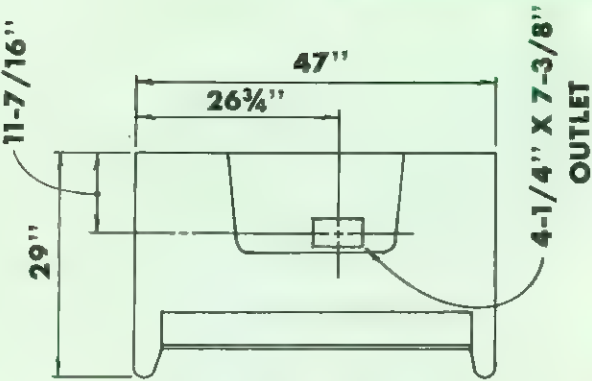
NOTE: When service fixtures are ordered, the resistant working surface will be bored or cut for mounting these fixtures. Mounting shanks are included with the fixtures. The recessed front panel in the base cabinet will also be prepared for mounting electric outlet or remote controlled fixtures when these fixtures are ordered.

PARTS

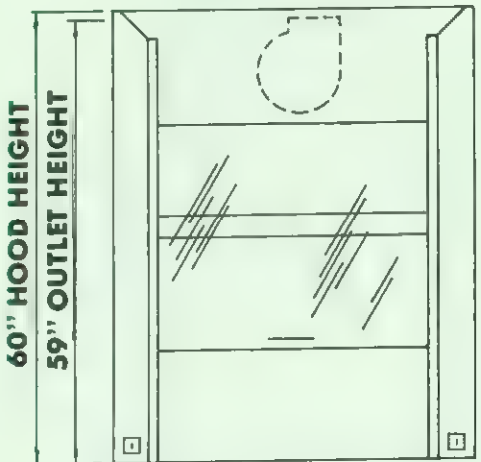
CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b.K.C.)	CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b.K.C.)
47002	Baffle	\$ 55.00	47055	Mylar tape 20 ft. length	\$ 2.50
47076	Blower complete less motor (standard).....	35.30	47008	Sash (plexiglass)	37.85
47077	Blower complete less motor (explosion-proof)	41.25	47011	Sash cable	2.40
47016	Blower with motor (standard)	70.40	47047	Sash cable clamp25
47044	Blower with motor (explosion-proof).....	106.20	47010	Sash channel (aluminum) (older units).....	3.00
47042	Blower impeller (coated) (standard)	7.75	47051	Sash channel (polypropylene)	4.60
47030	Blower impeller (coated) explosion-proof	13.50	47045	Sash glides (nylon)15
47043	Blower housing (coated) (for standard or (explosion-proof)	27.60	47014	Sash pull (3½" long) (older units).....	.95
47046	Electical cord, 7 ft.	7.50	47052	Sash pull (polypropylene) (39½" long).....	2.25
47027	Exhaust elbow for hood without motor and blower	14.20	47009	Sash pulley (mounted in bracket) (older units)95
47018	Light fixture (globe only)	9.80	47050	Sash pulley wheel (nylon)	2.85
47005	Light fixture (explosion-proof)	77.00	47033	Sash stop button (rubber)25
47040	Motor (standard)	21.60	47048	Sash stop top (rubber)10
47041	Motor (explosion-proof)	57.30	47012	Sash weight (coated)	5.75
			47007	Switch light (standard)75
			47006	Switch motor (standard)	1.25

FIBERGLASS-47 FUME HOOD / technical data

STACK OUTLET LOCATIONS

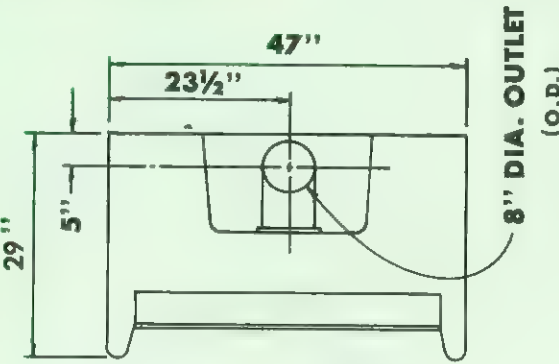


TOP VIEW

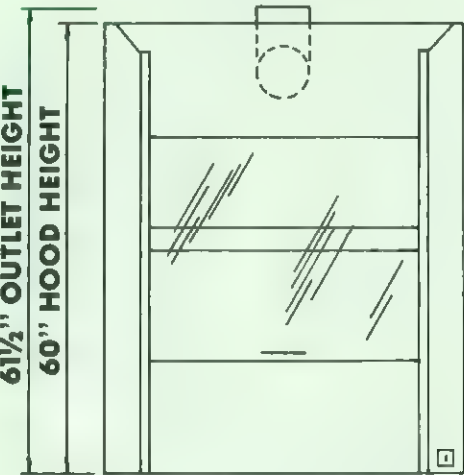


FRONT VIEW

Standard model with motor and blower (and explosion proof motor and blower).

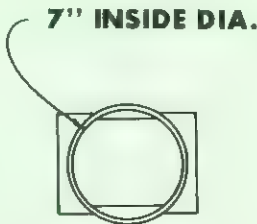


TOP VIEW

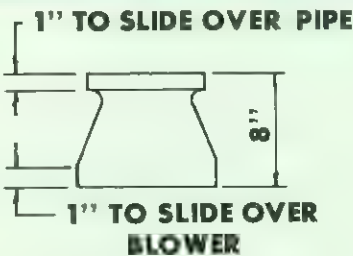


FRONT VIEW

Model without motor and blower but including fiber-glass elbow. (furnished.)



TOP VIEW



SIDE VIEW

P-17 Adaptor converts a rectangular blower outlet to a round opening.



THE LABCONCO FIBERGLASS-70 FUME HOOD

For the laboratory that needs more working space within the fume hood, this 70" wide hood is ideal. This hood is molded by the poly laminate process that results in a smooth porcelain-like interior and exterior surface. Never before has there been a hood that offered so many features for so economical a price.



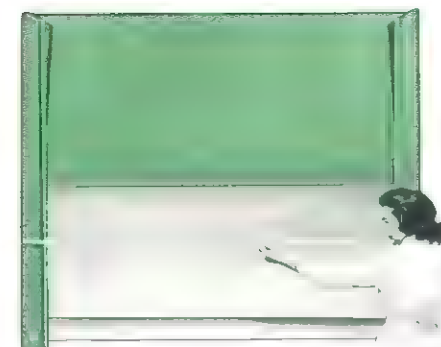
\$785.00 COMPLETE—ready to plug in and use

WEIGHS ONLY 240 LBS—easy to install, to move, to ship

CHEMICALLY INERT—no metal to corrode, no paint to chip

ATTRACTIVE DESIGN—available in two compatible colors

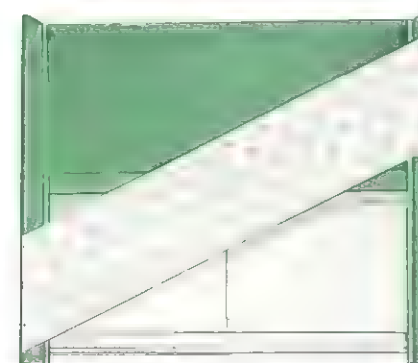
FIBERGLASS-70 FUME HOOD / features



A Full 70 Inches of Working Space



Smooth Both Inside and Out



Comes Ready to Use . . . Costs Only \$785.00

Companion to the popular Labconco Fiberglass-47 Fume Hood is this new Fiberglass-70 Hood. Like the Fiberglass-47, this new Fiberglass-70 Hood is made entirely of polyester resin, reinforced with glass fibers. However, the Fiberglass-70 Hood is molded in one piece by the poly laminate process which results in a smooth surface on both exterior and the interior of the hood. This means the new Fiberglass-70 Fume Hood can be washed down easily, will not accumulate contaminants.

The Labconco Fiberglass-70 Fume Hood measures 70" x 29" x 60", and weighs only 240 lbs. It is not painted—the color is an integral part of the surface resin. There is no paint to peel or fade. Colors available are grey and green. Both have a white interior to illuminate the working area.

The hood comes complete with blower, sash, and interior light. It is ready to set up on any conventional 70" base cabinet or table — wood or steel. A turned-in cove allows quick, easy fastening to the bench or

table top. A conventional baffle controls air flow over working surface and in upper hood. All wiring to vapor-tight light and to blower is factory-installed into the hood body and to the switches. A single 7-foot cord and plug connect all electrical equipment. No electrician is necessary for installation.

The sash is of 1/4" Plexiglass with a special clear, resistant coating which prevents clouding, reduces static attraction, and adds to the resistance of the material itself. This sash is lightweight and operates smoothly on the same counter-weight system found in all fine hoods. Plastic covered steel sash cable, nylon sheaves and steel weights coated with plastisol make up the counter-weight assembly.

The blower is mounted in a box-like recess in the rear wall of the hood. This results in a completely hidden, quiet blower that is powered by a 1/4 hp, 120-volt, 60-cycle motor and delivers 620 cfm at 1/4" sp. The rotor and complete housing are coated with an epoxy for chemical resistance. Blower outlet is rectangular, measuring 8 5/8" x 5 3/8". An adapter for converting the rectangular opening to a round opening which will accept a stack of 9" O.D. is available.

This hood is *not* designed for use with perchloric acid.

EXPLOSION PROOF MODELS

This hood is available in two explosion proof models — standard explosion proof and total explosion proof.

The standard explosion proof model is furnished with an explosion proof motor (UL approved, Class I & II, Groups D, F, and G), a non-sparking aluminum impeller, standard vapor proof light and the standard wiring and switches.

The total explosion proof model has the same non-sparking aluminum impeller and explosion proof motor as above. It also has an explosion proof light, (UL approved, Class I, Groups C & D). This model does not have switches for the blower or light. These, along with the necessary wiring, must be furnished and installed by the customer to comply with local codes.

PRICES

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
70 W/MB	Fiberglass-70 Fume Hood, complete with motor, blower, switches, sash, light, cord and plug. Specify hood color: green or grey.	293 lbs.	\$785.00
70 W/OMB	Fiberglass-70 Fume Hood, without motor and blower. This model equipped with a connecting elbow. See drawing on page 22. Specify hood color: green or grey.	263 lbs.	755.00
70 W/EPMB	Fiberglass-70 Fume Hood, with explosion proof motor and blower. Specify hood color: green or grey.	263 lbs.	850.00
70 W/EPMBL	Fiberglass-70 Fume Hood, with explosion proof motor, blower and light (switches and wiring not included—see above). Specify hood color: green or grey.	298 lbs.	878.00

FIBERGLASS-70 FUME HOOD / accessories

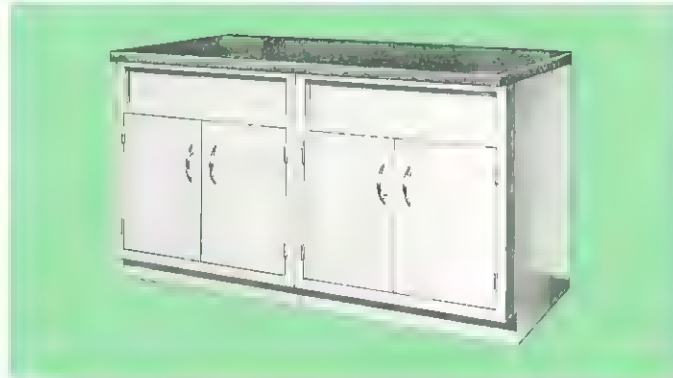
VENT ADAPTER



Fiberglass Vent Adapter. Converts rectangular blower outlet (8 $\frac{5}{16}$ " x 5 $\frac{3}{8}$ ") to a round opening which will accept a stack of 9" O.D.

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
P-18	Fiberglass Vent Adapter	5 lbs.	\$11.50

CABINET



Supporting Base Cabinet set. Consists of two, three-foot cabinets (total dimensions: 70" x 30" x 37") designed to support the Fiberglass-70 Fume Hood. Top is made of 1 $\frac{1}{4}$ " Colorlith. Cabinets meet steel laboratory furniture specifications and are finished in grey or green to match hoods.

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
2173C	Supporting Base Cabinet Set	425 lbs.	\$380.00

TABLE



Supporting Base Table. Designed to support the Fiberglass-70 Fume Hood. Frame is of 2" all welded, square steel tubing with adjustable floor flanges. Colors are green or grey. The working surface is 70" x 30" x 37" and is 1 $\frac{1}{4}$ " charcoal grey Colorlith.

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
446C	Supporting Base Table	300 lbs.	\$185.00

SPIRAL TUBE



For semi-permanent hood installations, this spiral pipe serves very well. It is a highly resistant neoprene impregnated fiberglass reinforced with wire tubing. The pipe can be bent to a 90° radius. This type of stack simplifies hood installations. The pipe is especially fabricated for use with the P-18 Vent Adapter.

CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b.K.C.) Per Foot
859	9" Spiral tube, 10-ft. multiples	\$4.90

PLASTIC PIPE



Lightweight, resistant plastic pipe is excellent to exhaust the Fiberglass-70 Fume Hood. Each pipe section has a bell fitting on one end for easy connection to another length of pipe or to elbows. Connections are simply made by solvent welding. This rigid thermoplastic extruded pipe is cut without special tools. Its ease of installation more than offsets the slightly higher initial material cost. For use with the P-18 Vent Adapter.

CATALOG NUMBER	DESCRIPTION	SHIP. WT. (Lbs.)	PRICE (f.o.b.K.C.)
855	8" Plastic Pipe, 10-ft. multiples	5 per ft.	\$ 7.50 per ft.
856	8" 90-degree elbow	12	70.00
857	8" 45-degree elbow	12	43.00

FIBERGLASS WEATHER CAP



Many caps or hoods placed over the top of an outside stack or flue will cause an undesirable back pressure. To avoid this, we have designed a new fiberglass weather cap which eliminates back pressure and is completely resistant to corrosion and weather. Fits 8" plastic pipe (Above).

CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b.K.C.)
861	Fiberglass Weather Cap	5 lbs.	\$24.00

FIBERGLASS-70 FUME HOOD / accessories

SERVICE FIXTURES

	TK-1 (Specify service) Air Gas Vacuum—Single outlet key cock & turret	\$ 8.00		L-2886 Cold Water—Remote controlled rigid gooseneck faucet	\$19.31
	SF-1 Cold Water—Single faucet with rigid gooseneck	\$12.77		L-2887—(Specify service) Air Gas Vacuum—Remote controlled single outlet	\$15.29
	VS0-6 Drain—Lead 6 x 3 oval cup sink	\$17.88		E-2302 Electrical — (Mounted on front of supporting base) 125 volt 15 AMP duplex	\$3.76
	VHS-5 Drain—5" diameter hemispherical lead cup sink	\$15.12		J-645P Electrical—125 volt 15 AMP duplex	\$11.12
	VPT-32 Drain—1 $\frac{1}{2}$ " lead drum "P" trap with coupling nut	\$10.92			

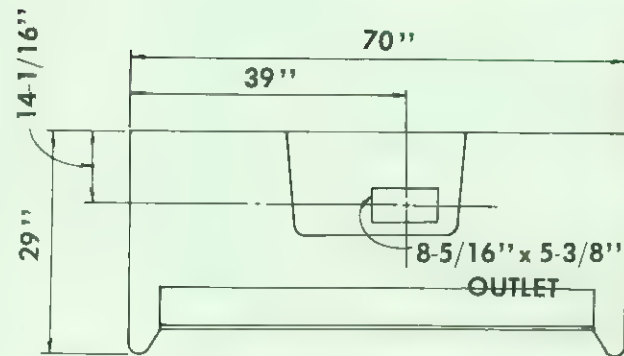
NOTE: When service fixtures are ordered, the resistant working surface will be bored or cut for mounting these fixtures. Mounting shanks are included with the fixtures. The recessed front panel in the base cabinet will also be prepared for mounting electric outlet or remote controlled fixtures when these fixtures are ordered.

PARTS

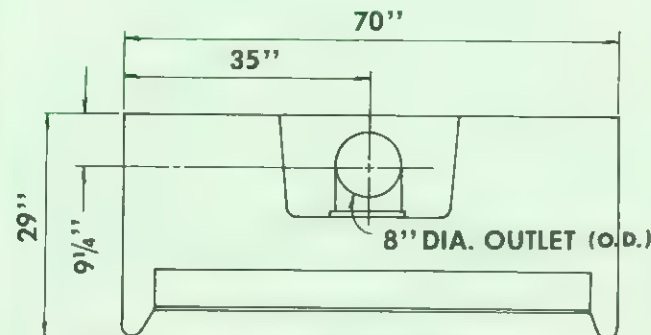
CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b.K.C.)	CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b.K.C.)
70205	Baffle	\$ 85.00	70233	Motor (standard)	26.00
70240	Blower complete less motor (standard)	46.50	70237	Motor (explosion-proof)	75.00
70241	Blower complete less motor (explosion-proof)	50.00	70231	Sash plexiglass	56.75
70211	Blower assembly with motor (standard)	83.30	47011	Sash cable	2.75
70238	Blower assembly with motor (explosion-proof)	135.80	47047	Sash cable clamp	.25
70239	Blower impeller (std.) (coated steel)	11.50	47051	Sash channel polypropylene	4.60
70232	Blower impeller (explosion-proof)		47045	Sash glides nylon	.25
	coated aluminum	15.00	70118	Sash pull polypropylene	2.90
70234	Blower housing (std. or explosion-proof)	35.00	47050	Sash pulley nylon	2.85
70236	Bracket light and baffle mounting	25.00	47033	Sash stop bottom rubber	.25
47027	Exhaust elbow for hoods without blower and motor	14.20	47048	Sash stop top rubber	.10
47018	Light fixture globe only (standard)	9.80	70235	Sash weight coated	8.50
47005	Light fixture (explosion-proof)	77.00	47007	Switch light (standard)	.75
			47006	Switch motor (standard)	1.25

FIBERGLASS-70 FUME HOOD *technical data*

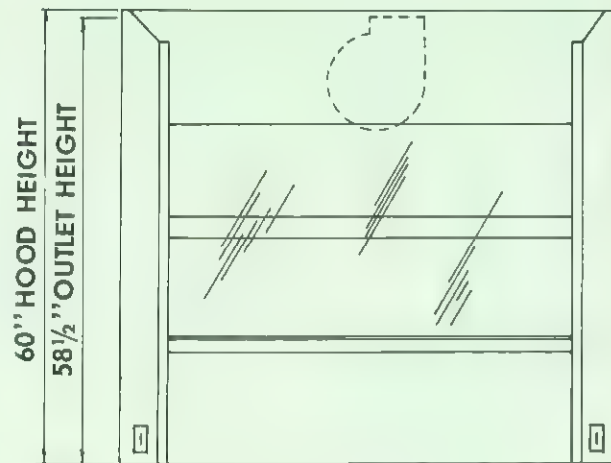
STACK OUTLET LOCATIONS



TOP VIEW

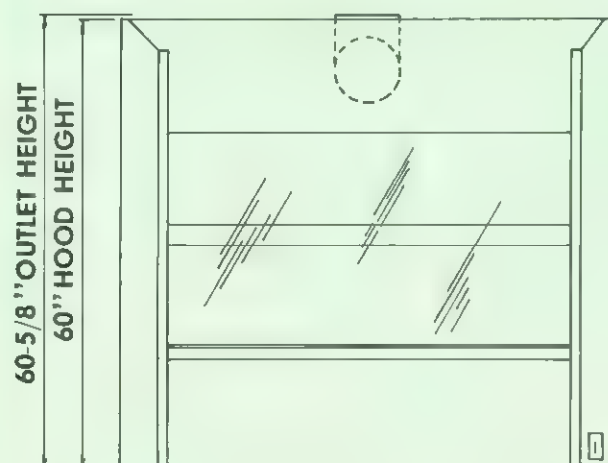


TOP VIEW



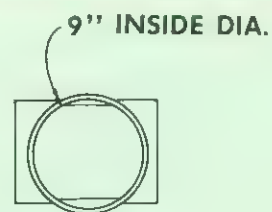
FRONT VIEW

Standard model with motor and blower (and explosion proof motor and blower).



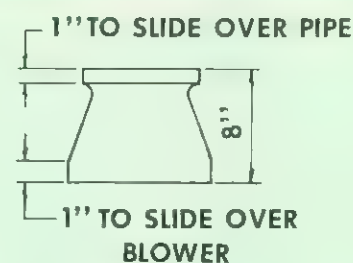
FRONT VIEW

Model without motor and blower but including fiber glass elbow. (furnished).



TOP VIEW

P-18 Adaptor converts a rectangular blower outlet to a round opening.









SIDE VIEW



THE LABCONCO FIBERGLASS ADVANCE-70 FUME HOOD

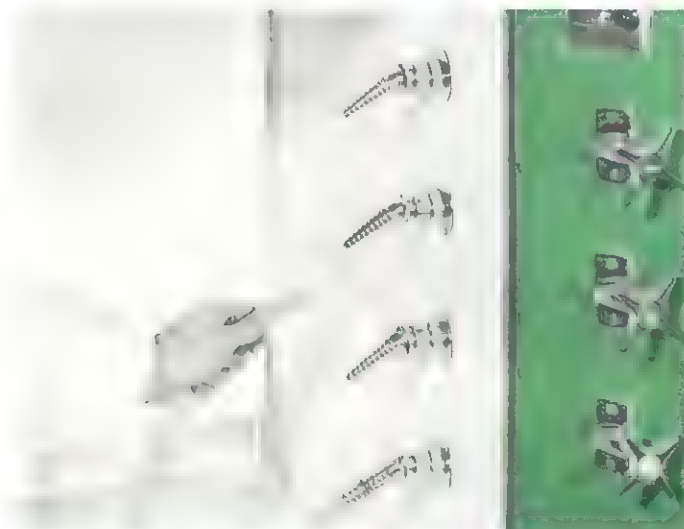
Here's one of the most exciting laboratory innovations in recent years: a full 70" wide fume hood that's made of rugged, double-wall fiberglass and which incorporates the air by-pass and low velocity exhausting system found only on the most expensive hoods.

-  SMOOTH, SEAMLESS INTERIOR—*sides, back, working surface and cup sink all one piece*
-  ALL-FIBERGLASS-CONSTRUCTION—*no metal to corrode, no paint to chip*
-  SUITABLE FOR RADIOACTIVE AND CLEAN ROOM WORK—*all the qualities of expensive coved stainless steel at 1/2 the price*
-  LOW-VELOCITY, BY-PASS DESIGN—*constant face velocity, minimum turbulence*
-  WEIGHS ONLY 230 LBS.—*easy to install, less expensive to ship*
-  RIGID DUAL-WALL CONSTRUCTION—*plumbing and wiring enclosed in 5" wide space*

ADVANCE-70 FUME HOOD / features



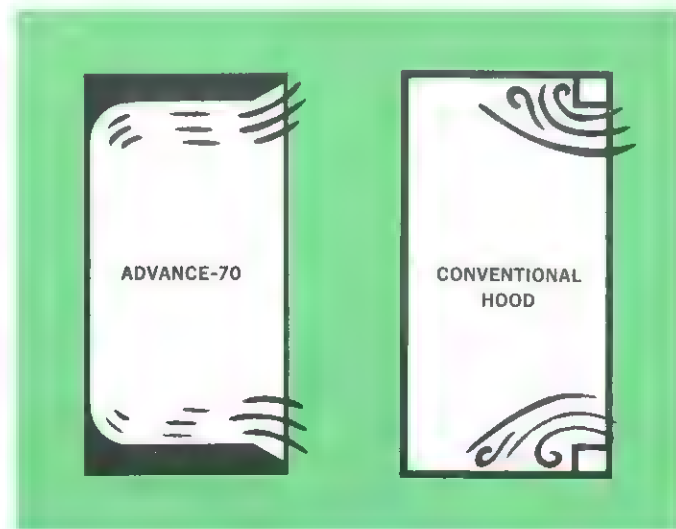
SEAMLESS, ONE PIECE INTERIOR—The inside of the Fiberglass Advance-70 Fume Hood is molded in one piece of polyester resin and reinforcing glass fibers. This method of construction eliminates seams, prevents the formation of cracks or crevices. Dirt, residue, and other contaminants cannot collect on the interior surface of this hood. The sides, back, working surface and cup sink all have smooth, coved corners. This allows easy wash-down when necessary.



EASY WASH DOWN—Coved, one piece interior, cup sink, and water outlet make for easy wash down, minimizes accumulation of contaminants. Coved lip under the front foil prevents spillage.



SAFE CUP SINK—The cup sink in the Fiberglass Advance-70 Fume Hood is an integral part of the work surface. This six inch round cup sink is located in the left-front corner. This front location allows safe use of the sink without reaching over any apparatus or chemicals in the hood. The cup sink is also used as a drain when the hood is being washed down.

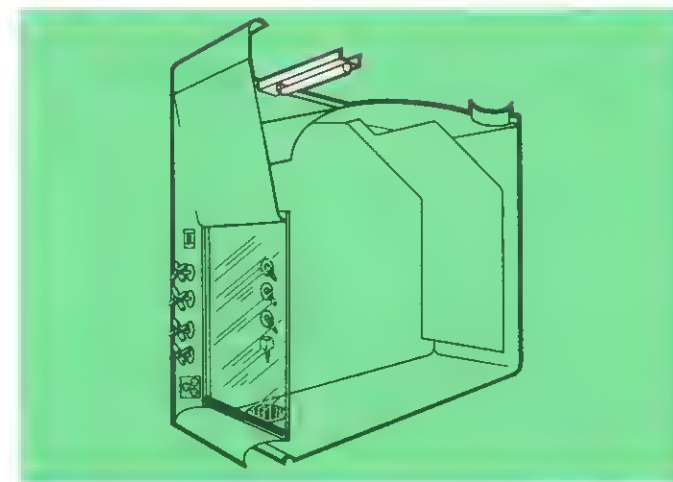


MINIMUM TURBULENCE—The smooth entrance planes and foil of the Advance-70 cause the air to enter in a smooth, even flow. Thus, the hood can operate at much lower velocities than conventional hoods. A constant face velocity is maintained by the by-pass aperture which opens as the sash is lowered. For complete details, see page 28.

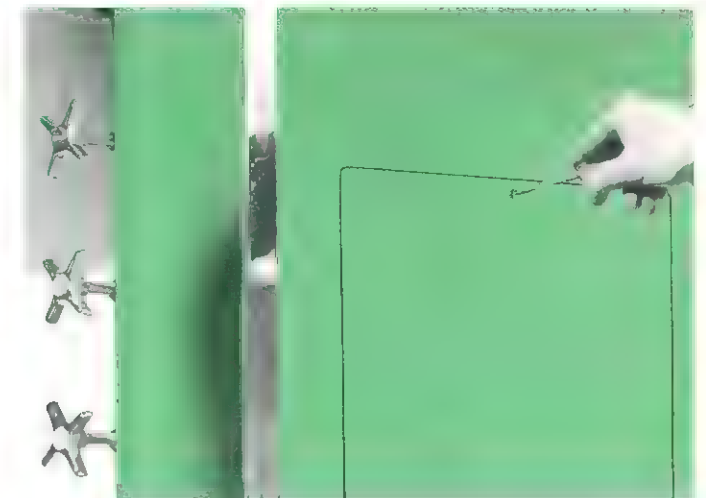
ADVANCE-70 FUME HOOD / features



FIBERGLASS CONSTRUCTION—The Fiberglass Advance-70 Fume Hood superstructure is made of polyester resin and reinforcing glass fibers. The dual wall construction gives a porcelain-smooth surface to both the exterior and the interior of the hood. Fiberglass is chemically resistant and fire retardant. It is lightweight and easy to handle and maintain.



UNIQUE LIGHT MOUNTING—The light for the Fiberglass Advance-70 Fume Hood is mounted behind the front panel and outside the hood chamber. The light passes through the clear section of polyester at the top of the chamber. Thus, the smooth interior is unbroken by metal, glass, or any framing. The large light and the white interior combine to give an excellent illumination to the working area.



RIGID DUAL-WALL CONSTRUCTION—The walls of the Advance-70 Fume Hood have a 5 inch air space between them. This space is the passage way for the utility connections. This dual wall construction also adds strength and rigidity to the hood. The large service panel on the exterior walls of the hood allows convenient access to the utility connections concealed inside.

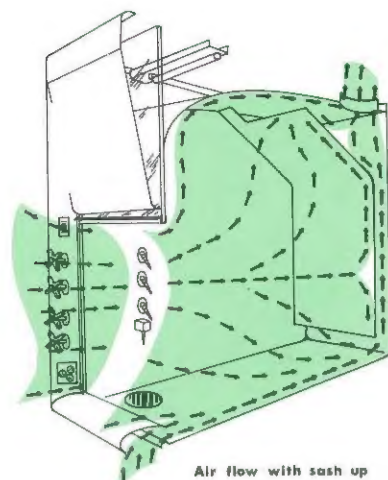


ALL UTILITIES INCLUDED—The Advance-70 Fume Hood comes complete with:

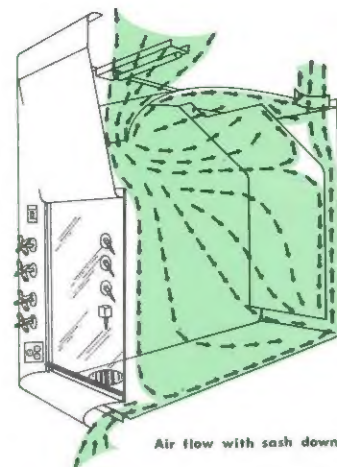
2 gas outlets	2 250 volt outlets
2 vacuum outlets	1 light switch
4 115 volt outlets	1 blower switch
2 cold water outlets	1 cup sink
2 air outlets	

The chrome plated brass fixtures have color coded index buttons. This equipment is installed at the factory, thus only a minimum of installation work is necessary. Substitutions on standard fixtures can be made only on quantity orders.

ADVANCE-70 FUME HOOD / *general information and use*



Air flow with sash up



Air flow with sash down

SASH UP — With sash raised, air enters the hood through the sash opening and under the foil in a balanced pattern which sweeps the working surface and upper areas. Note that the by-pass is closed by the raised sash, and that all the air now enters the hood at modest velocities. Turbulence is reduced by the gently curved sides of the aperture.

SASH DOWN — As the sash is lowered, the by-pass is automatically opened, permitting the same volume of air to pass through the hood. Thus, lowering the sash does not cause a turbulent and potentially damaging rush of air through the front face of the hood. Even with the sash completely down the working surface is swept clean by the air entering under the foil.

PLEXIGLASS SASH

The sash on the Advance-70 Fume Hood is made of $\frac{1}{4}$ " Plexiglass. It is coated with a clear resistant formula which prevents clouding, reduces static attraction, and adds to the resistance. The shatter-proof sash operates smoothly on plastic covered steel cables and nylon sheaves. The sash is counter balanced by enclosed weights.

ADJUSTABLE BAFFLE



The baffle in the back of the Advance-70 Fume Hood is set to balance the air flow between the upper exhaust vent and the vent at the working surface level. Furnished with the hood are two removable Plexiglass clips which permit regulation of the air flow at the upper vent. In this manner, air flow adjustment is

accomplished without knobs, slots, or bolts which can collect contamination.

MOTOR AND BLOWER

The motor and blower for the Advance-70 Fume Hood are normally mounted on a wall, ceiling, or roof. For operation under most conditions, a blower which delivers 800 cfm at $\frac{3}{8}$ " sp will provide ample evacuation. Blowers with less cfm ratings will purge this smooth-line hood and will suffice for ideal locations and average use.

EXPLOSION PROOF MODEL

An explosion proof version of the Advance-70 Fume Hood is available. It has an explosion proof light and two explosion proof switches (one for the blower and one for the light). The light complies with Class I, Groups C & D of the Underwriters' Laboratories. The switches comply with UL Class I, Groups C & D and Class II, Groups E, F, & G. It should, of course, be used with an explosion proof motor and blower (see model #70137 on page 30). This model does not include 115 volt and 250 volt utilities, because they are not explosion proof. The explosion proof light must be suspended within the hood and thus detracts somewhat from the no-projections, no-seams hood interior. All other features of this model are the same as the regular Advance-70 Fume Hood.

WORKING SURFACE SUPPORT

The Fiberglass Advance-70 has a fiberglass working surface included as an integral part of the hood, but it is necessary to support this surface. This support may be a standard laboratory top material or any of the suitable materials such as wood or masonite. A diagram of the cutouts required to accept the cup sink and utility connections of the Fiberglass Advance-70 is on page 32.

If you are planning to install the hood on existing cabinets, your present top suitably modified should suffice, or it can be replaced with the pre-cut top on page 31. If your plan includes new cabinets, we suggest the cabinet set on page 31 which includes a suitable top.

ADVANCE-70 FUME HOOD / *application and use*



RADIOACTIVE APPLICATION

The Fiberglass Advance-70 Fume Hood has many revolutionary innovations which combine with other accepted features to make it a most practical hood for use in the "hot lab."

Its unique one-piece, seamless fiberglass construction makes this hood extremely easy to decontaminate. In fact, its smooth interior surface resists accumulation of residue contaminants. Washing down the interior of the Advance-70 Fume Hood is an easy matter, and the cup sink at the left-front of the working surface provides a convenient place to flush away the water. This location of the cup sink also eliminates any need to reach into the hazardous zone of the hood to use the sink. There are no cracks, crevices or seams on either the cup sink or the walls, or working surface of this hood.

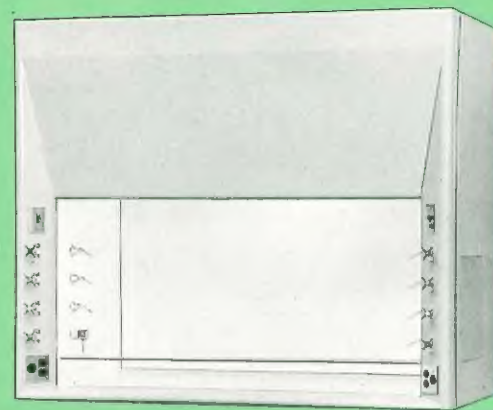
The air by-pass allows the Advance-70 Fume Hood to maintain low air velocity across the face of the hood

regardless of the position of the Plexiglass sash. The four sides of the sash opening are gently sloped to permit the air to enter in a smooth, flowing pattern. This feature eliminates the turbulence and eddies normally found in a pressurized or conventional hood. The Advance-70 Fume Hood also has a vent space below the bottom air foil. This insures an adequate flow of air across the working surface even when the sash is closed.

The utility outlets are toward the front of the hood so that the operator does not have to reach into the hazardous zone of the hood to make connections. These utilities are controlled from the outside front of the hood, and can be operated with the sash open or closed.

When used with the recommended top and steel cabinets or tables, (page 31) the Advance-70 Fume Hood can easily support 2,000 lbs. of shielding.

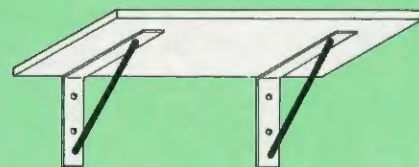
ADVANCE-70 FUME HOOD / prices



CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
A-70	Fiberglass Advance-70 Fume Hood, 70"x34"x60" high, super-structure only, and all service fixtures. Motor and blower not included. Specify color: green or grey	292 lbs.	\$1,185.00
AEP-70	Fiberglass Advance-70 Fume Hood, same as above except with explosion proof light and two explosion proof switches. (see Page 28). Motor and blower not included. Specify color: green or grey.	297 lbs.	\$1,360.00

ACCESSORIES

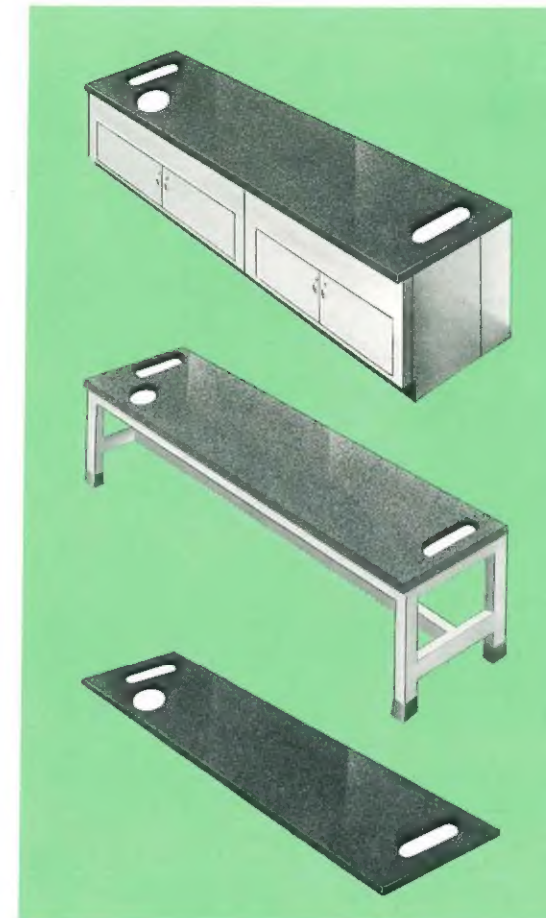
CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
70136	Motor and blower set. Blower delivers 800 cfm at 3/8" sp. The blower is epoxy coated cast iron. The motor is 1/2 hp, 60 cycle, 120 volt, single phase and operates at 1750 rpm.	50 lbs.	\$134.50
70137	Explosion proof motor and blower. Same as above except that the blower has a non-sparking epoxy-coated aluminum impeller and a Class I and II, Groups D, F, and G explosion proof motor (see Page 28).	50 lbs.	\$201.00
70134	Wall shelf support for motor and blower. Sturdy welded steel frame with 1 1/4" Colorlith mounting surface measuring 18" x 24".	30 lbs.	\$ 36.00
70135	Ceiling suspended platform support for motor and blower. The 1 1/4" Colorlith platform measures 20"x28". Thirty-six inch long threaded 1/2" steel rods support the platform. Shorter rods available at same cost. Please specify desired rod length if less than 36".	35 lbs.	\$ 32.00



ADVANCE-70 FUME HOOD / accessories

ACCESSORIES

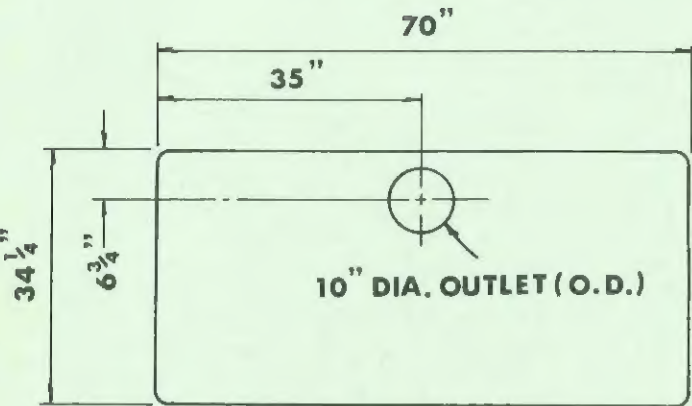
CATALOG NUMBER	DESCRIPTION	SHIP. WT.	PRICE (f.o.b. K.C.)
2173H	Supporting base cabinet set. Consists of two three-foot cabinets (total dimensions: 70"x30"x37") designed to support the Advance-70 Fume Hood. Top of 1 1/4" tempered masonite with cutouts for sink and utilities. Cabinets meet steel laboratory furniture specifications and are available in green or grey to match the hoods.	425 lbs.	\$375.00
446H	Supporting base table. Designed to support the Advance-70 Fume Hood. Measures 70"x30"x37". Frame of 2", all-welded, square steel tube with adjustable floor flanges. Same top as 2173H above. Colors: green or grey to match hoods.	300 lbs.	\$180.00
70120	Supporting top. For use with existing cabinets. This 70" x 30" x 1 1/4" tempered Masonite has cutouts for sink and utilities.	135 lbs.	\$ 75.00



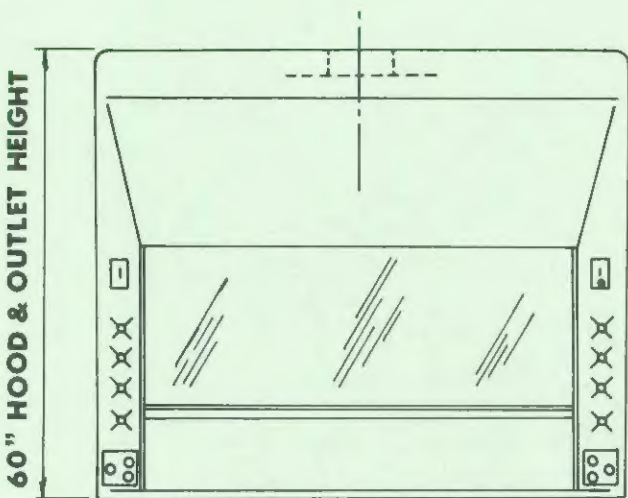
PARTS

CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b. K.C.)	CATALOG NUMBER	DESCRIPTION	PRICE (f.o.b. K.C.)
70102	Baffle	\$105.00	47047	Sash cable clamp	.25
70126	Blower complete less motor (standard)	104.50	47045	Sash glide (nylon)	.25
70127	Blower impeller, standard and explosion-proof (coated aluminum)	38.75	70124	Sash pull (polypropylene)	2.90
70129	Blower complete less motor (explosion-proof)	104.50	47050	Sash pulley wheel (nylon)	2.85
70122	Light fixture (standard)	16.50	70118	Sash weight (coated)	8.50
70132	Light fixture (explosion-proof)	77.00	70107	Side trim	8.25
70125	Motor (standard)	30.00	70122	Switch light (switch only)	2.10
70128	Motor (explosion-proof)	98.00	70130	Switch explosion-proof (switch only)	64.75
70116	Sash (plexiglass)	67.80	70133	Switch motor (switch only)	16.45
70117	Sash cable	3.50	70131	Switch explosion-proof motor (switch only)	64.75
			WP-1 1/2	Waste plug	6.50

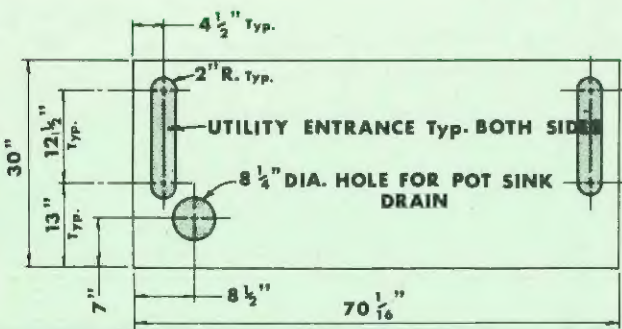
STACK OUTLET LOCATION



TOP VIEW



FRONT VIEW



Hood Support Layout for
Advance-70

The Advance-70 Fume Hood is shipped completely assembled. The face of the hood (7-inches) can be removed to permit passage through narrow doorways.

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